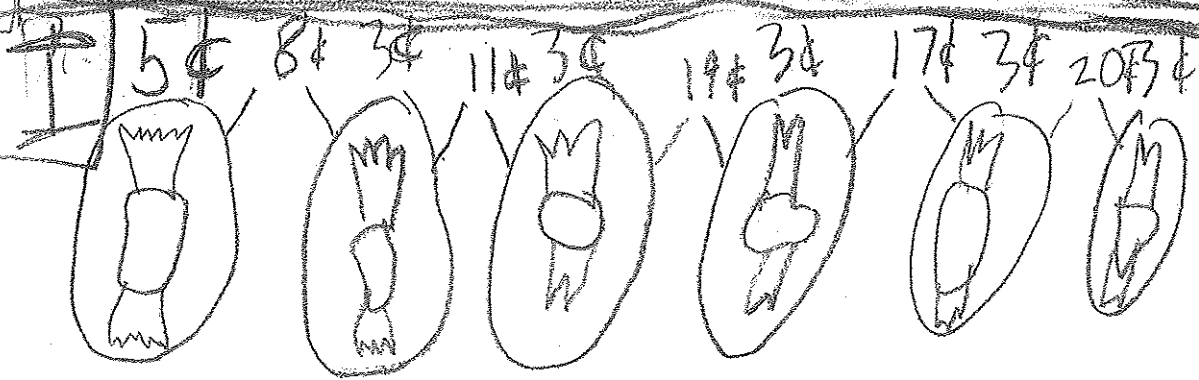


Claire loved to stop at the candy store once a week to buy herself a treat.

There was a new sign above the candy counter. The sign said that when you buy your first piece of candy it will cost 5 cents, but each piece of candy after that would cost only 3 cents.

Claire thought this was an excellent time to spend the twenty cents in her pocket.

How many pieces of candy did Claire have after giving the clerk her 20 cents?



$$5¢ + 3¢ = 8¢$$

$$8¢ + 3¢ = 11¢$$

$$11¢ + 3¢ = 14¢$$

$$14¢ + 3¢ = 17¢$$

$$17¢ + 3¢ = 20¢$$

$$8¢ + 3¢ = 11¢$$

~~$$8¢ + 3¢ = 11¢$$~~

6 pieces of candy.

I found that Claire had 6 pieces of candy in all because I kept adding from five to twenty by threes like this $5¢ + 3¢ = 8¢$, $8¢ + 3¢ = 11¢$, $11¢ + 3¢ = 14¢$, $14¢ + 3¢ = 17¢$, $17¢ + 3¢ = 20¢$. So she got 6 pieces of candy.

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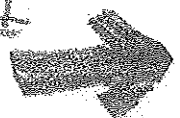
I

10	15	12	9	6	3	0
1	2	3	4	5	6	
6	3	3	3	3	3	

C

$$20 - 5 = 15$$
$$15 - 3 = 12$$
$$12 - 3 = 9$$
$$9 - 3 = 6$$
$$6 - 3 = 3$$
$$3 - 3 = 0$$

E First, I started with 20. Next, I subtracted 5 from twenty and got 15. Then, subtracted $15 - 3 = 12$, $12 - 3 = 9$, $9 - 3 = 6$, $6 - 3 = 3$, $3 - 3 = 0$. Last, I



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How many pieces of candy did Claire have after giving the clerk her 20 cents?

I

1 2 3 4 5 6

C

$$5 + 3 + 3 + 3 + 3 + 3 = 20$$

E

claire got 6
pieces of candy from the
the answer by adding. To get clerk. I got
20 I drew dots to
I got to 20. I counted
five 3 and one five. I checked
my answer by counting
each dot.

D. Claire loved to stop at the candy store once a week to buy herself a treat.

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I

money	5¢	3¢	3¢	3¢	3¢	3¢
	5	3	3	3	3	3
	0	0	0	0	0	0

C.

candy

$$5 + 3 + 3 + 3 + 3 + 3 = 20$$
$$1 + 1 + 1 + 1 + 1 + 1 = 6$$

E. I wrote 5¢ at the beginning when the first candy cost 5¢ and then for the ones that cost 3¢ which there were 5 of I wrote 3¢. As I was adding the cents one by one I wrote the numbers of her money on top of where I wrote the cents. Then I drew the candies at the bottom and counted them when I was done and I found out the answer was 6.

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How many pieces of candy did Claire have after giving the clerk her 20 cents?

5, 8, 11, 14, 17, 20
1 2 3 4 5

first subtract 5

$$20 - 5 = 15$$

then add the 3s to make
3, 6, 9, 12, 15

Compute

$$15 + 5 = 20$$

6 pieces of candy

$$20 - 5 = 15$$

$$3 + 3 + 3 + 3 + 3 = 15$$

$$5 + 3 + 3 + 3 + 3 + 3 = 20$$

Explain

First, I wrote down 5 because it was in the clues, then I kept adding by 3s to the 5 until my sum was 20. My second strategy was subtracting 5 from 20 and getting 15, so I knew I had to make 15. The I added $3 + 3 = 6$, $6 + 3 = 9$, $9 + 3 = 12$, and $12 + 3 = 15$.